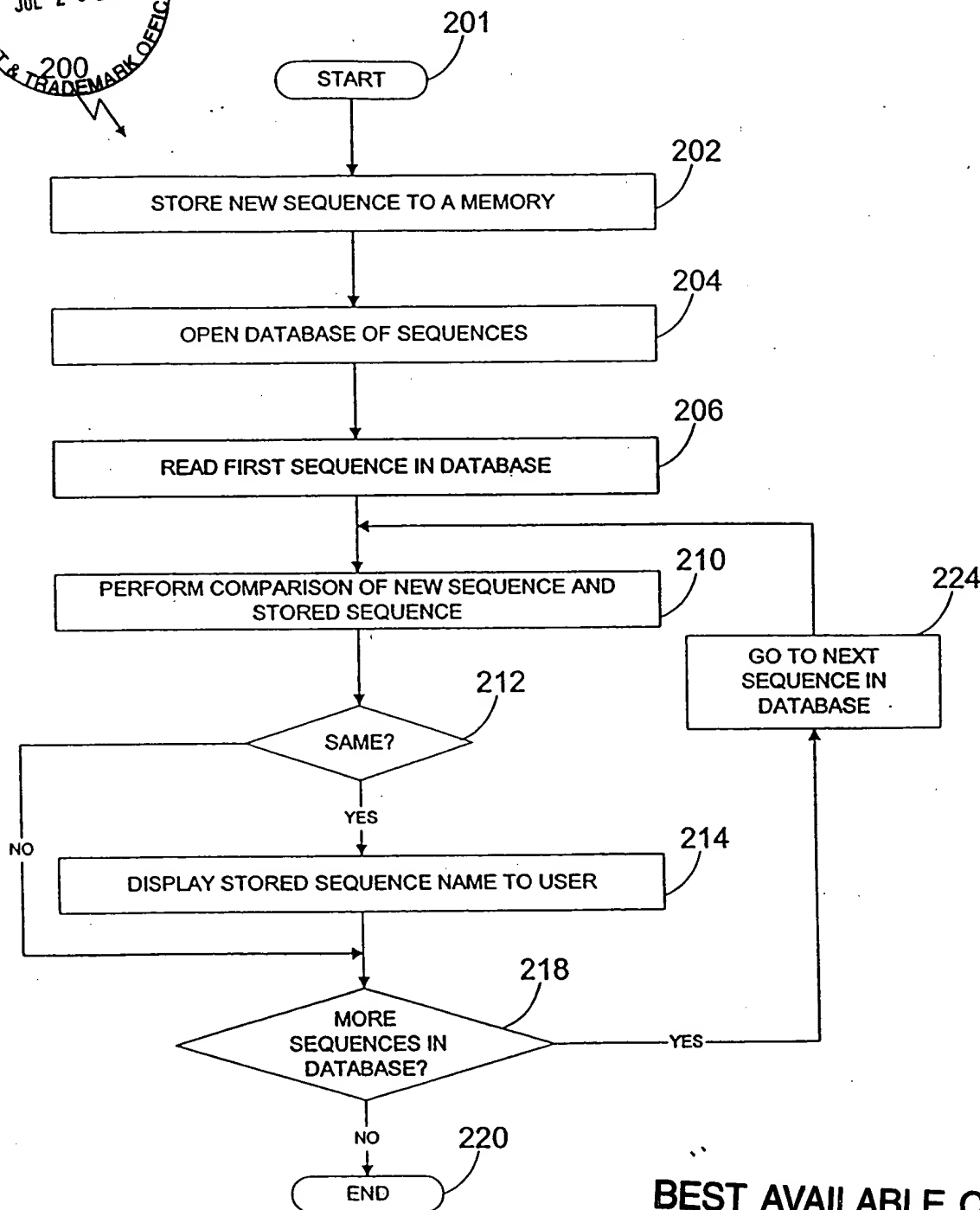


FIGURE 1

BEST AVAILABLE COPY



BEST AVAILABLE COPY

FIGURE 2

BEST AVAILABLE COPY

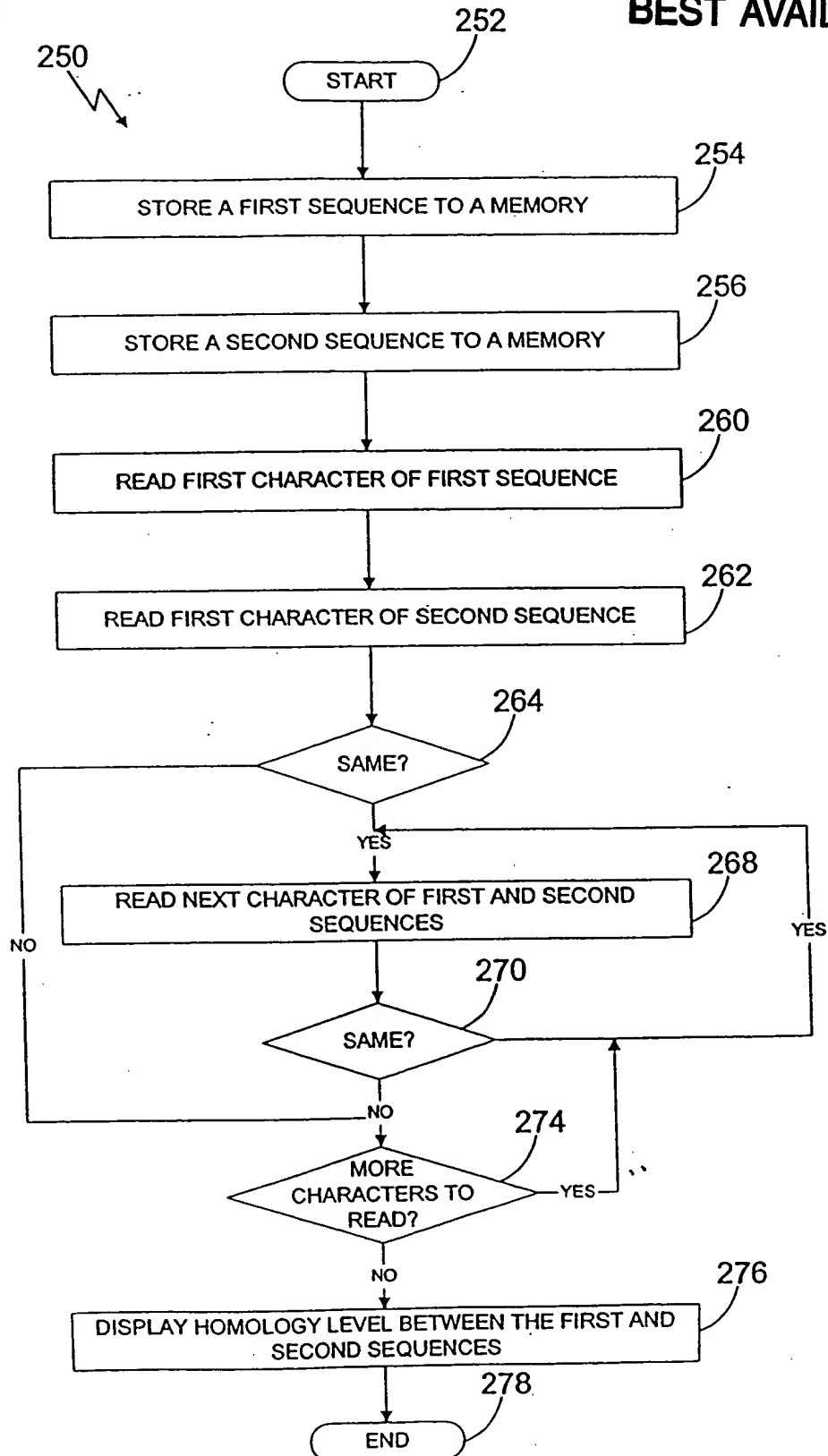


FIGURE 3



BEST AVAILABLE COPY

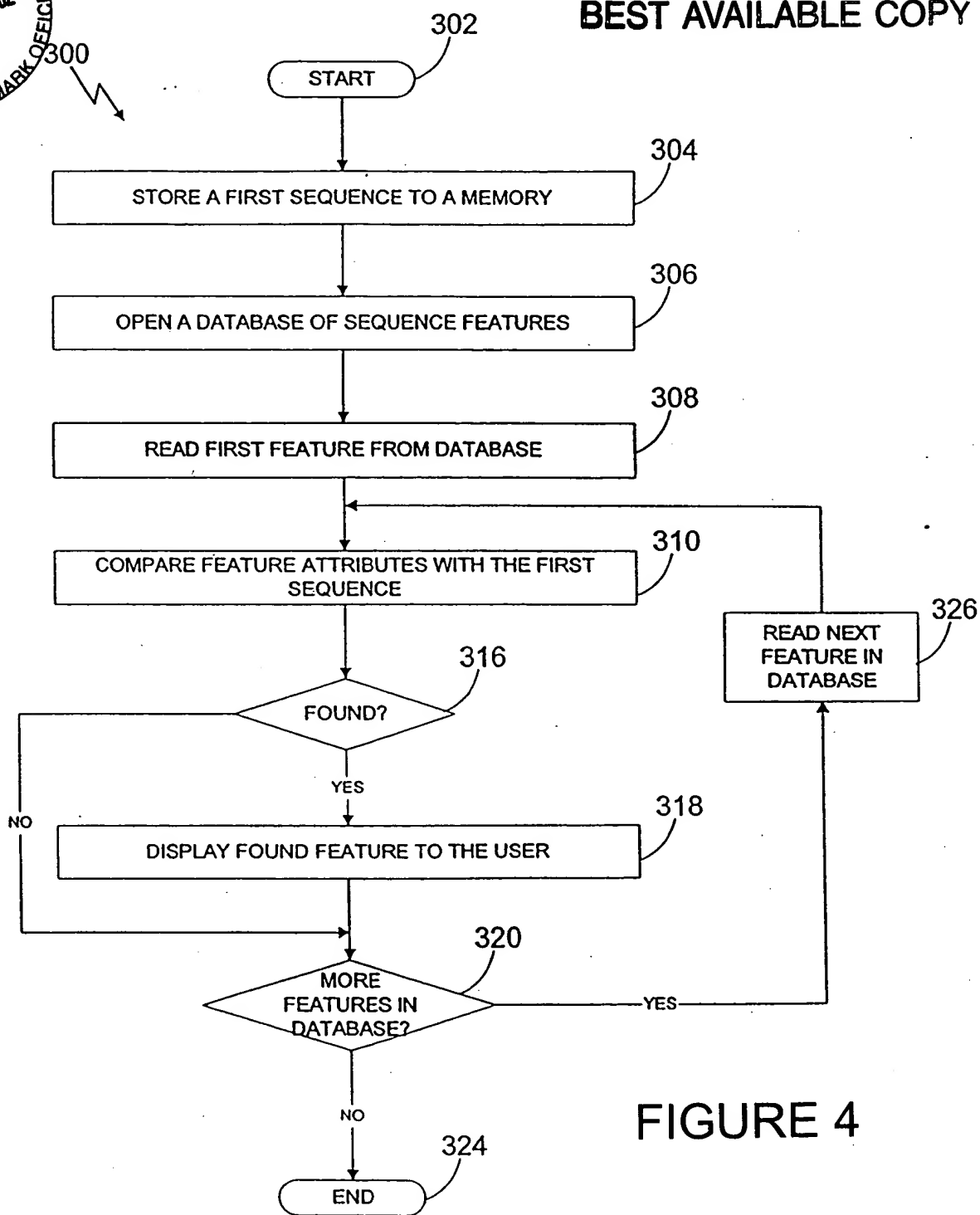


FIGURE 4



BEST AVAILABLE COPY

ATG GGT GTT GAT CCT TTT GAA AGG AAC AAA ATA TTG GGA AGA GGC ATT AAT AT
 M G V D P F E R N K I L G R G I N I
 GGA AAT GCG CTT GAA GCA CCA AAT GAG GGA GAC TGG GGA GTG GTG ATA AAA GAT
 G N A L E A A P N E G D W G V I K D
 GAG TTC TTC GAC ATT ATA AAA GAA GCC GGT TTC TCT CAT GTT CGA ATT CCA ATA
 E F F D I I K E A G F S H V R I P I
 AGA TGG AGT ACG CAC GCT TAC GCG TTT CCT CCT TAT AAA ATC ATG GAT CGC TTC
 R W S T H A Y A F P P Y K I M D R F
 TTC AAA AGA GTG GAT GAA GTG ATA AAC GGA GCC CTG AAA AGA GGA CTG GCT GTT
 F K R V D E V I N G A L K R G L A V
 GCT ATA AAT ATT CAT CAC TAC GAG GAG TTA ATG AAT GAT CCA GAA GAA CAC AAG
 A I N I H H Y E E L M N D P E E H K
 GAA AGA TTT CTT GCT CTT TGG AAA CAA ATT GCT GAT GAT AAA GAC TAT CCC
 E R F L A L W K Q I A D R Y K D Y P

FIGURE 5A



BEST AVAILABLE COPY

GAA ACT CTA TTT TTT TTT GAA ATT CTG AAT GAA CCT CAC GGA AAT CTT ACT CCG GAA
E T L F F F E I L N E P H G N L T T P E

AAA TGG AAT GAA CTG CTT GAG GAA GCT CTA AAA GTT ATA AGA TCA ATT GAC AAA
K W N E L L E E A L K V I R S I D K

AAG CAC ACT ATA ATT ATA GGC ACA GCT GAA TGG GGG GGT ATA TCT GCC CTT GAA
K H T I I I G T A E W G G I S A L E

AAA CTG TCT GTC CCA AAA TGG GAA AAA AAT TCT ATA GTT ACA ATT CAC TAC TAC
K L S V P K W E E K N S I V T I H Y Y

AAT CCT TTC GAA TTT ACC CAT CAT CAA GGA GCT GAG TGG GTG GAA GGA TCT GAG AAA
N P F E T T H H Q G A A E W V E G S E K

TGG TTG GGA AGA AAG TGG TGG GGA TCT CCA GAT GAT CAG AAA CAT TTG ATA GAA GAA
W L G R K K W G S S P D D Q K H L I E E

TTC AAT TTT ATA GAA GAA TGG TGG TCA AAA AAG AAC AAA AGA CCA ATT TAC ATA GGT
F N F I E E W W S K K N K R P I Y I G

FIGURE 5B

CELLULASES, NUCLEIC ACIDS ENCODING THEM AND
 METHODS FOR MAKING AND USING THEM



BEST AVAILABLE COPY

GAG TTT GGT GCC TAC AGA AAA GCT GAC CTT GAA TCA AGA ATA AAA TGG ACC TCC	
E F G A Y R K A D L E S I K W T S	
TTT GTC GTT CGC GAA ATG GAG AAA AGG AGA TGG AGC TGG GCA TAC TGG GAA TTT	
F V V R E M E K R R W S W A Y W E F	
TGT TCC GGT TTT GGT GTT TAT GAT ACT CTG AGA AAA ACC TGG AAT AAA GAT CTT	
C S G F G V Y D T L R K T W N K D L	
TTA GAA GCT TTA ATA GGA GGA GAT AGC ATT GAA TAA	
L E A L I G G D S I E *	

FIGURE 5C